

Converting Colors

YUV(206.7650, 19.3429,
-91.0019)

Have a look what the booklet for
YUV(206.7650, 19.3429, -91.0019)
contains.

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Color

**YUV(206.7650, 19.3429,
-91.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	67FCF6
RGB	103, 252, 246
RGB Percent	40%, 99%, 96%
CMY	0.5961, 0.0118, 0.0353
CMYK	0.59, 0.00, 0.02, 0.01
HSL	178°, 96%, 70%
HSV	178°, 59%, 99%
XYZ	57.0385, 79.1582, 99.4616
YIQ	206.7650, -86.8780, -33.4540

Conversions

Conversions Part 2

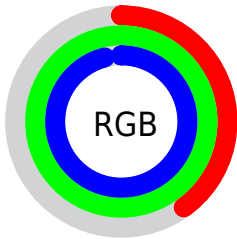
Format	Color
RYB	103, 179, 252
Decimal	6814966
CIELab	91.31, -40.78, -9.05
CIELCh	91, 41.775, 192.507
Yxy	79.1582, 0.2420, 0.3359
Android (android.graphics.Color)	4285005046 (0xFF67FCF6)
YUV	206.7650, 19.3429, -91.0019
Hunter-Lab	88.9709, -41.2642, -4.0014

Details

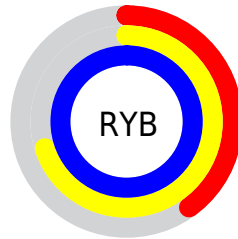
The YUV color **206.7650, 19.3429, -91.0019** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **148.2350, -19.3429, 91.0019**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6880, 12.9718, -54.1004**, and **136.1250, 26.5604, -119.3816** is the 20% darker color. If you saturate the color by 10%, you get **199.1760, 22.5912, -106.2714**, and if you desaturate by 10%, it is **214.3540, 16.0945, -75.7325**.

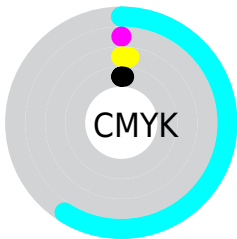
Distribution



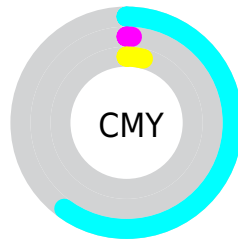
- Red (40%)
- Green (99%)
- Blue (96%)



- Red (40%)
- Yellow (70%)
- Blue (99%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (60%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.7650, 19.3429, -91.0019 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 206.7650, 19.3429, -91.0019 by changing the saturation by 10% instead.

206.7650, 19.3429,
-91.0019

206.7650, 19.3429,
-91.0019

255.0000, 0.0000,
0.0000

175.4870, 20.9589,
-96.0201

228.6880, 12.9718,
-54.1004

136.1250, 26.5604,
-119.3816

237.9570, 8.4022,
-35.0423

116.6110, 22.8698,
-102.2678

247.2260, 3.8326,
-15.9842

97.7980, 19.3266,
-85.7688

79.5720, 15.4940,
-69.7846

62.1610, 12.2456,
-54.5152

44.8640, 9.4340,

-39.3457

■ 29.4420, 6.1911,
-25.8206

■ 8.3780, 6.7156,
-7.3475

■ 206.7650, 19.3429,
-91.0019

■ 206.7650, 19.3429,
-91.0019

■ 199.1760, 22.5912,
-106.2714

■ 214.3540, 16.0945,
-75.7325

■ 191.5870, 25.8396,
-121.5408

■ 221.9430, 12.8461,
-60.4630

■ 183.6990, 29.2354,
-137.4250

■ 229.8310, 9.4503,
-44.5788

■ 176.1100, 32.4838,
-152.6945

■ 237.4200, 6.2019,
-29.3093

■ 175.5120, 32.7786,
-153.9240

■ 245.0090, 2.9536,
-14.0399

■ 252.5980, -0.2948,
1.2296

■ 253.0110, -0.0054,
1.7444

■ 253.1250, 0.4314,
1.6444

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.3720, -4.6204, -58.2082



206.7650, 19.3429, -91.0019



202.7410, 25.7637, -97.1199

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206.7650, 19.3429, -91.0019



230.9330, 11.8650, 21.1068



222.9410, -33.9879, 28.1157

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



206.7650, 19.3429, -91.0019



148.2350, -19.3429, 91.0019

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.0460, -19.7427, 32.4087



206.7650, 19.3429, -91.0019



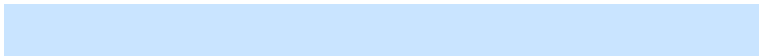
224.4760, 15.0483, 26.7695

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.7650, 19.3429, -91.0019



223.0050, 15.7735, -19.2984



218.1550, -1.5554, 32.3131



226.0440, -36.9967, 13.1164

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.7650, 19.3429, -91.0019



207.8790, 23.2307, -77.9469



218.1550, -1.5554, 32.3131



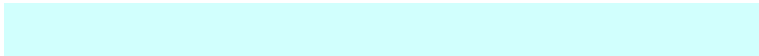
220.6900, -29.9202, 30.0899

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



206.7650, 19.3429, -91.0019



241.0180, 5.9071, -28.0798



192.5560, -44.1511, -72.4016



119.1010, 3.4012, -17.6286



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.7650, 19.3429, -91.0019



200.0830, 23.6231, -110.5748



168.1200, 41.3528, -57.1102



120.9990, 1.4795, -7.8921



131.5770, 24.3655, -115.3930



42.5330, 8.1182, -37.3014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



148.2350, -19.3429, 91.0019



128.9170, -23.6231, 110.5748



186.8800, -41.3528, 57.1102



116.0010, -1.4795, 7.8921



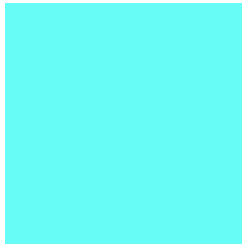
57.4230, -24.3655, 115.3930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 206.7650, 19.3429, -91.0019 looks on a white background.

Color Contrast Check

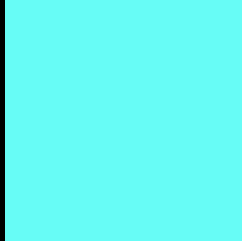
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 206.7650, 19.3429, -91.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 206.7650, 19.3429, -91.0019

Background



This preview shows how black text looks on a background with the YUV color 206.7650, 19.3429, -91.0019.

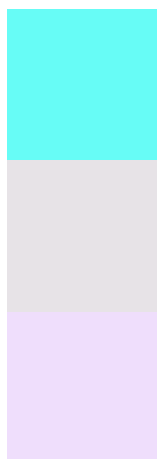


This preview shows how white text looks on a background with the YUV color 206.7650, 19.3429,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

206.7650, 19.3429, -91.0019

Protanopia

228.6520, 1.1576, 2.0592

Deuteranopia

230.5030, 10.5980, 7.4519



Tritanopia

220.1710, 17.1707, -47.5080

Trichromacy



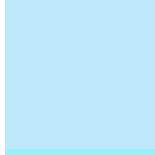
Original Color

206.7650, 19.3429, -91.0019



Protanomaly

220.4520, 7.6652, -31.9684



Deuteranomaly

222.0810, 13.7641, -28.1350



Tritanomaly

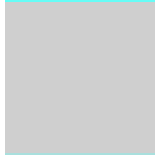
215.3000, 18.0931, -63.4071

Monochromacy



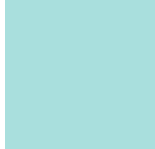
Original Color

206.7650, 19.3429, -91.0019



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.6260, 7.0864, -32.9980

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.7650, 19.3429, -91.0019 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(103, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(103, 252, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(103, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 252, 246) }
```

Border

The CSS property to change the border of an element to YUV 206.7650, 19.3429, -91.0019 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 252, 246) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(103, 252, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(103, 252, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(103, 252,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 206.7650, 19.3429, -91.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 252, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(103,  
252, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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